

ABSTRACT OF THE DISCLOSURE

A transmission timing deciding unit decides the transmission timing for packet data based on time information from a time control unit and flow information from a flow information managing unit. At the decided timing, a packet transmitting unit transmits packet data at the head of the packet queue in the event that the accumulated capacity of a token exceeds zero, and further transmits best-effort flow packets in the event that predetermined conditions are satisfied. Thus, a communication apparatus and communication method can be provided wherein, in the event that a single network interface is shared by multiple flows, coexistence with best-effort flows can be realized while maintaining the reserved bandwidth for each flow so as to avoid collision of transmission requests from the flows.

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